

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	16	(Petrus near2 Koning).in.	US-PGPUB; USPAT	OR	ON	2007/11/02 16:16
S2	0	("2005/0111059").URPN.	USPAT	OR	ON	2007/11/02 16:13
S3	25880	(Xerox).as.	US-PGPUB; USPAT	OR	ON	2007/11/02 16:16
S4	2	(S1 or S3) and ( (image near1 receptor) and (document near1 handler)).clm.	US-PGPUB; USPAT	OR	ON	2007/11/02 16:18
S5	131	(S1 or S3) and ((document near1 handler)).clm.	US-PGPUB; USPAT	OR	ON	2007/11/02 16:19
S6	1	(S1 or S3) and ((light \$1transmissive near1 pane) and (document near1 handler)).clm.	US-PGPUB; USPAT	OR	ON	2007/11/02 16:19
S7	20	("4346880"   "4605218"   "4627607"   "4801134"   "5004218"   "5011124"   "5016866"   "5346199"   "5435540"   "5884910"   "5913268"   "5978622"   "5988622"   "5988635"   "5996990"   "6027111"   "6059279"   "6318717").PN. OR ("6595512").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/02 16:33
S8	37850	"271".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/02 16:35
S9	24938	"271".clas.	USPAT	OR	ON	2007/11/02 16:38
S10	1589	(movably near2 relative).clm.	USPAT	OR	ON	2007/11/03 16:02
S11	1	(US-20050111059-\$).did.	US-PGPUB	OR	ON	2007/11/03 16:11
S12	1	(effectively) and S11	US-PGPUB	OR	ON	2007/11/03 16:20
S13	1	(resilient near1 property) and S11	US-PGPUB	OR	ON	2007/11/03 16:23
S14	29104	ADF or (auto\$6 adj1 document adj2 feed\$4) or ((document or original or sheet or paper or substrate) adj2 (feed\$4 or hand1\$3))	US-PGPUB	OR	ON	2007/11/03 17:17
S15	5878	ADF or (automatic adj1 document adj2 feed\$4) or (document adj3 feed\$4)	US-PGPUB	OR	ON	2007/11/03 17:17

S16	394331	detachabl\$3 or removabl\$3 or separabl\$3 or un \$1attach\$3 or un\$1station \$4 or liftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl \$3	US-PGPUB	OR	ON	2007/11/03 16:33
S17	1757	S14 with S16	US-PGPUB	OR	ON	2007/11/03 16:33
S18	156	S15 with S16	US-PGPUB	OR	ON	2007/11/03 16:51
S19	2665	"271". clas.	US-PGPUB	OR	ON	2007/11/03 16:45
S20	36	S18 and S19	US-PGPUB	OR	ON	2007/11/03 16:49
S21	1007	(358/496). CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/03 16:49
S22	849	(358/497). CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/03 16:49
S23	691	(358/496). CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/03 16:50
S24	2920	(358/474). CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/03 16:50
S25	259	(399/361). CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/03 16:50
S26	392	(399/367). CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/03 16:50
S27	166	(399/379). CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/03 16:50
S29	270	(271/10.01). CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/03 16:50
S30	422	(271/3.14). CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/03 16:50
S31	333	(271/8.1). CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/03 16:50
S32	22	S18 and S21	US-PGPUB	OR	ON	2007/11/03 17:03
S33	3	S18 and S22	US-PGPUB	OR	ON	2007/11/03 17:03
S34	1	S18 and S23	US-PGPUB	OR	ON	2007/11/03 17:02
S35	21	S18 and S24	US-PGPUB	OR	ON	2007/11/03 16:58
S36	2	S18 and S25	US-PGPUB	OR	ON	2007/11/03 16:58
S37	10	S18 and S26	US-PGPUB	OR	ON	2007/11/03 16:56
S38	0	S18 and S27	US-PGPUB	OR	ON	2007/11/03 16:51

S39	0	S18 and S28	US-PGPUB	OR	ON	2007/11/03 16:51
S40	6	S18 and S29	US-PGPUB	OR	ON	2007/11/03 16:53
S41	4	S18 and S30	US-PGPUB	OR	ON	2007/11/03 16:52
S42	1	S18 and S31	US-PGPUB	OR	ON	2007/11/03 16:51
S43	4494889	@ad< "20031125"	US-PGPUB; USPAT	OR	ON	2007/11/03 17:07
S44	59	S43 and S18	US-PGPUB; USPAT	OR	ON	2007/11/03 17:08
S45	633	S43 and S17	US-PGPUB; USPAT	OR	ON	2007/11/03 17:14
S46	12	S45 and S21	US-PGPUB; USPAT	OR	ON	2007/11/03 17:15
S47	1757	(ADF or (auto\$6 adj1 document adj2 feed\$4) or ((document or original or sheet or paper or substrate) adj2 (feed\$4 or handl\$3))) with (detachabl \$3 or removabl\$3 or separabl\$3 or un\$1attach \$3 or un\$1station\$4 or liftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl \$3)	US-PGPUB	OR	ON	2007/11/03 17:16
S48	2836	(ADF or (auto\$6 adj1 document adj2 feed\$4) or ((document or original or sheet or paper or substrate) adj2 (feed\$4 or handl\$3))) same (detachabl \$3 or removabl\$3 or separabl\$3 or un\$1attach \$3 or un\$1station\$4 or liftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl \$3)	US-PGPUB	OR	ON	2007/11/03 17:16
S49	1064	(ADF or (auto\$6 adj1 document adj2 feed\$4) or ((document or original or sheet or paper or substrate) adj2 (feed\$4 or handl\$3))) near6 (detachabl\$3 or removabl \$3 or separabl\$3 or un \$1attach\$3 or un\$1station \$4 or liftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl \$3)	US-PGPUB	OR	ON	2007/11/03 17:16

S50	29104	ADF or (auto\$6 adj1 document adj2 feed\$4) or ((document or original or sheet or paper or substrate) adj2 (feed\$4 or hand\$3))	US-PGPUB	OR	ON	2007/11/03 17:18
S51	9140	ADF or (automatic adj1 document adj2 feed\$4) or (document adj3 feed\$4)	USPAT	OR	ON	2007/11/03 17:18
S52	4538	(ADF or (auto\$6 adj1 document adj2 feed\$4) or ((document or original or sheet or paper or substrate) adj2 (feed\$4 or hand\$3))) with (detachabl\$3 or removabl\$3 or separabl\$3 or un\$1attach\$3 or un\$1station\$4 or liftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl\$3)	USPAT	OR	ON	2007/11/03 17:38
S53	483	(ADF or (automatic adj1 document adj2 feed\$4) or (document adj3 feed\$4)) with (detachabl\$3 or removabl\$3 or separabl\$3 or un\$1attach\$3 or un\$1station\$4 or liftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl\$3)	USPAT	OR	ON	2007/11/03 17:38
S54	30	S53 and S21	USPAT	OR	ON	2007/11/03 17:35
S55	23	S53 and S22	USPAT	OR	ON	2007/11/03 17:32
S56	29	S53 and S23	USPAT	OR	ON	2007/11/03 17:29
S57	25	S53 and S24	USPAT	OR	ON	2007/11/03 17:28
S58	5	S53 and S25	USPAT	OR	ON	2007/11/03 17:19
S59	57	S53 and S26	USPAT	OR	ON	2007/11/03 17:25
S60	21	S53 and S27	USPAT	OR	ON	2007/11/03 17:22
S61	0	S53 and S28	USPAT	OR	ON	2007/11/03 17:19
S62	2	S53 and S29	USPAT	OR	ON	2007/11/03 17:22
S63	13	S53 and S30	USPAT	OR	ON	2007/11/03 17:19
S64	0	S53 and S31	USPAT	OR	ON	2007/11/03 17:19

S65	2129	(ADF or (auto\$6 adj1 document adj2 feed\$4) or ((document or original or sheet or paper or substrate) adj2 (feed\$4 or hand\$3))) with (detachabl\$3 or removabl\$3 or separabl\$3 or un\$1attach\$3 or un\$1station\$4 or lifttab\$3 or movabl\$3 or adaptabl\$3 or conveyabl\$3)	EPO; JPO	OR	ON	2007/11/03 17:38
S66	129	(ADF or (automatic adj1 document adj2 feed\$4) or (document adj3 feed\$4)) with (detachabl\$3 or removabl\$3 or separabl\$3 or un\$1attach\$3 or un\$1station\$4 or lifttab\$3 or movabl\$3 or adaptabl\$3 or conveyabl\$3)	EPO; JPO	OR	ON	2007/11/03 17:38
S67	47	(US-200201135120-\$ or US-200110033761-\$ or US-20030081275-\$ or US-20020176122-\$ or US-20020164175-\$ or US-20020080429-\$ or US-20020033968-\$ or US-20030011121-\$ or US-20040065991-\$ or US-20040004320-\$ or US-20040004319-\$ or US-20040062579-\$ or US-20030026633-\$ or US-20040125412-\$ or US-20040047007-\$ or US-20030231288-\$ or US-20030214680-\$ or US-20020057465-\$ or US-20020044305-\$ or US-20020135821-\$ or US-20020041402-\$ or US-20030090052-\$ or US-20020126299-\$ or US-20020060804-\$).did. or (US-6595512-\$ or US-5953574-\$ or US-5515153-\$ or US-5338018-\$ or US-5912747-\$ or US-5734483-\$ or US-5610731-\$ or US-5488464-\$ or US-5260758-\$ or US-7021618-\$ or US-6837488-\$ or US-6027109-\$ or US-4849788-\$ or US-5328163-\$ or US-5502542-\$ or US-5158221-\$ or US-6738167-\$ or US-6618575-\$ or US-6321064-\$ or US-	US-PGPUB; USPAT	OR	ON	2007/11/03 17:39

		6947187-\$ or US-6892945-\$ or US-6333797-\$ or US-6167232-\$).did.				
S68	16	(Petrus near2 Koning).in.	US-PGPUB; USPAT	OR	ON	2007/11/05 12:12
S69	25880	(Xerox).as.	US-PGPUB; USPAT	OR	ON	2007/11/05 12:12
S70	131	((S68 or S69) and ((document near1 handler)).clm.	US-PGPUB; USPAT	OR	ON	2007/11/05 12:12
S71	0	("2005/0111059").URPN.	USPAT	OR	ON	2007/11/05 12:12
S72	2	((S68 or S69) and ( (image near1 receptor) and (document near1 handler)). clm.	US-PGPUB; USPAT	OR	ON	2007/11/05 12:12
S73	1	((S68 or S69) and ((light \$1transmissive near1 pane) and (document near1 handler)).clm.	US-PGPUB; USPAT	OR	ON	2007/11/05 12:12
S74	20	("4346880"   "4605218"   "4627607"   "4801134"   "5004218"   "5011124"   "5016866"   "5346199"   "5435540"   "5884910"   "5913268"   "5978622"   "5988622"   "5988635"   "5996990"   "6027111"   "6059279"   "6318717"). PN. OR ("6595512").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 12:12
S75	37850	"271".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 12:12
S76	24938	"271".clas.	USPAT	OR	ON	2007/11/05 12:12
S77	1589	(movably near2 relative). clm.	USPAT	OR	ON	2007/11/05 12:12
S78	1	(US-20050111059-\$).did.	US-PGPUB	OR	ON	2007/11/05 12:12
S79	394331	detachabl\$3 or removabl\$3 or separabl\$3 or un \$1attach\$3 or un\$1station \$4 or liftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl \$3	US-PGPUB	OR	ON	2007/11/05 12:12
S80	5878	ADF or (automatic adj1 document adj2 feed\$4) or (document adj3 feed\$4)	US-PGPUB	OR	ON	2007/11/05 12:12
S81	156	S80 with S79	US-PGPUB	OR	ON	2007/11/05 12:12
S82	2665	"271".clas.	US-PGPUB	OR	ON	2007/11/05 12:12

S83	36	S81 and S82	US-PGPUB	OR	ON	2007/11/05 12:12
S84	1007	(358/496).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/05 12:12
S85	166	(399/379).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/05 12:12
S86	0	S81 and S85	US-PGPUB	OR	ON	2007/11/05 12:12
S87	0	(270/10.01).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/05 12:12
S88	0	S81 and S87	US-PGPUB	OR	ON	2007/11/05 12:12
S89	1	(effectively) and S78	US-PGPUB	OR	ON	2007/11/05 12:12
S90	1	(resilient near1 property) and S78	US-PGPUB	OR	ON	2007/11/05 12:12
S91	29104	ADF or (auto\$6 adj1 document adj2 feed\$4) or ((document or original or sheet or paper or substrate) adj2 (feed\$4 or handl\$3))	US-PGPUB	OR	ON	2007/11/05 12:12
S92	392	(399/367).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/05 12:12
S93	10	S81 and S92	US-PGPUB	OR	ON	2007/11/05 12:12
S94	259	(399/361).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/05 12:12
S95	2	S81 and S94	US-PGPUB	OR	ON	2007/11/05 12:12
S96	2920	(358/474).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/05 12:12
S97	21	S81 and S96	US-PGPUB	OR	ON	2007/11/05 12:12
S98	691	(358/496).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/05 12:12
S99	1	S81 and S98	US-PGPUB	OR	ON	2007/11/05 12:12
S100	849	(358/497).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/05 12:12
S101	3	S81 and S100	US-PGPUB	OR	ON	2007/11/05 12:12
S102	22	S81 and S84	US-PGPUB	OR	ON	2007/11/05 12:12
S103	4494884	@ad< "20031125"	US-PGPUB; USPAT	OR	ON	2007/11/05 12:12
S104	1757	S91 with S79	US-PGPUB	OR	ON	2007/11/05 12:12

S105	633	S103 and S104	US-PGPUB; USPAT	OR	ON	2007/11/05 12:12
S106	29104	ADF or (auto\$6 adj1 document adj2 feed\$4) or (((document or original or sheet or paper or substrate) adj2 (feed\$4 or hand\$3)))	US-PGPUB	OR	ON	2007/11/05 12:12
S107	270	(271/10.01).CQLS.	US-PGPUB; USPAT	OR	OFF	2007/11/05 12:12
S108	422	(271/3.14).CQLS.	US-PGPUB; USPAT	OR	OFF	2007/11/05 12:12
S109	333	(271/8.1).CQLS.	US-PGPUB; USPAT	OR	OFF	2007/11/05 12:12
S110	4	S81 and S108	US-PGPUB	OR	ON	2007/11/05 12:12
S111	1	S81 and S109	US-PGPUB	OR	ON	2007/11/05 12:12
S112	6	S81 and S107	US-PGPUB	OR	ON	2007/11/05 12:12
S113	59	S103 and S81	US-PGPUB; USPAT	OR	ON	2007/11/05 12:12
S114	12	S105 and S84	US-PGPUB; USPAT	OR	ON	2007/11/05 12:12
S115	1757	(ADF or (auto\$6 adj1 document adj2 feed\$4) or (((document or original or sheet or paper or substrate) adj2 (feed\$4 or hand\$3)))) with (detachabl \$3 or removabl\$3 or separabl\$3 or un\$1attach \$3 or un\$1station\$4 or l\$1ftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl \$3)	US-PGPUB	OR	ON	2007/11/05 12:12
S116	2836	(ADF or (auto\$6 adj1 document adj2 feed\$4) or (((document or original or sheet or paper or substrate) adj2 (feed\$4 or hand\$3))) same (detachabl \$3 or removabl\$3 or separabl\$3 or un\$1attach \$3 or un\$1station\$4 or l\$1ftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl \$3)	US-PGPUB	OR	ON	2007/11/05 12:12



S117	1064	(ADF or (auto\$6 adj1 document adj2 feed\$4) or ((document or original or sheet or paper or substrate) adj2 (feed\$4 or handl\$3))) near6 (detachabl\$3 or removabl\$3 or separabl\$3 or un\$1attach\$3 or un\$1station\$4 or liftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl\$3)	US-PGPUB	OR	ON	2007/11/05 12:12
S118	483	(ADF or (automatic adj1 document adj2 feed\$4) or (document adj3 feed\$4)) with (detachabl\$3 or removabl\$3 or separabl\$3 or un\$1attach\$3 or un\$1station\$4 or liftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl\$3)	USPAT	OR	ON	2007/11/05 12:12
S119	2	S118 and S107	USPAT	OR	ON	2007/11/05 12:12
S120	9140	ADF or (automatic adj1 document adj2 feed\$4) or (document adj3 feed\$4)	USPAT	OR	ON	2007/11/05 12:12
S121	4538	(ADF or (auto\$6 adj1 document adj2 feed\$4) or ((document or original or sheet or paper or substrate) adj2 (feed\$4 or handl\$3))) with (detachabl\$3 or removabl\$3 or separabl\$3 or un\$1attach\$3 or un\$1station\$4 or liftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl\$3)	USPAT	OR	ON	2007/11/05 14:50
S122	0	S118 and S109	USPAT	OR	ON	2007/11/05 12:12
S123	5	S118 and S94	USPAT	OR	ON	2007/11/05 12:12
S124	0	S118 and S87	USPAT	OR	ON	2007/11/05 12:12
S125	57	S118 and S92	USPAT	OR	ON	2007/11/05 12:12
S126	13	S118 and S108	USPAT	OR	ON	2007/11/05 12:12
S127	21	S118 and S85	USPAT	OR	ON	2007/11/05 12:12
S128	25	S118 and S96	USPAT	OR	ON	2007/11/05 12:12

S129	29	S118 and S98	USPAT	OR	ON	2007/11/05 12:12
S130	23	S118 and S100	USPAT	OR	ON	2007/11/05 12:12
S131	30	S118 and S84	USPAT	OR	ON	2007/11/05 12:12
S132	2133	(ADF or (auto\$6 adj1 document adj2 feed\$4) or ((document or original or sheet or paper or substrate) adj2 (feed\$4 or handl\$3))) with (detachabl\$3 or removabl\$3 or separabl\$3 or un\$1attach\$3 or un\$1station\$4 or liftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl\$3)	EPO; JPO	OR	ON	2007/11/05 12:12
S133	129	(ADF or (automatic adj1 document adj2 feed\$4) or (document adj3 feed\$4)) with (detachabl\$3 or removabl\$3 or separabl\$3 or un\$1attach\$3 or un\$1station\$4 or liftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl\$3)	EPO; JPO	OR	ON	2007/11/05 12:12
S134	47	(US-200201135120-\$ or US-20010033761-\$ or US-20030081275-\$ or US-20020176122-\$ or US-20020164175-\$ or US-20020080429-\$ or US-20020033968-\$ or US-20030011121-\$ or US-20040065991-\$ or US-20040004320-\$ or US-20040004319-\$ or US-20040062579-\$ or US-20030026633-\$ or US-20040125412-\$ or US-20040047007-\$ or US-20030231288-\$ or US-20030214680-\$ or US-20020057465-\$ or US-20020044305-\$ or US-20020135821-\$ or US-20020041402-\$ or US-20030090052-\$ or US-20020126299-\$ or US-20020060804-\$).did. or (US-6595512-\$ or US-5953574-\$ or US-5515153-\$ or US-5338018-\$ or US-5912747-\$ or US-5734483-\$ or US-5610731-\$ or US-	US-PGRUB; USPAT	OR	ON	2007/11/05 12:12

		5488464-\$ or US-5260758-\$ or US-7021618-\$ or US-6837488-\$ or US-6027109-\$ or US-4849788-\$ or US-5328163-\$ or US-5502542-\$ or US-5158221-\$ or US-6738167-\$ or US-6618575-\$ or US-6321064-\$ or US-6947187-\$ or US-6892945-\$ or US-6333797-\$ or US-6167232-\$).did.				
S135	2	((("20020054382") or ("20030090747") or ("2003214680")).PN.	US-PGPUB; USPAT	OR	OFF	2007/11/05 12:17
S136	3	((("20020054382") or ("20030090747") or ("20030214680")).PN.	US-PGPUB; USPAT	OR	OFF	2007/11/05 12:18
S137	5	((("20020054382") or ("20030090747") or ("20030214680") or ("5680204") or ("6593995")).PN.	US-PGPUB; USPAT	OR	OFF	2007/11/05 12:35
S138	1	"10023227"	EPO; JPO	OR	ON	2007/11/05 12:21
S139	1	"1309168"	EPO; JPO	OR	ON	2007/11/05 12:20
S140	3	"10023227"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/11/05 12:22
S141	5	S137 or S138 or S139	US-PGPUB; USPAT	OR	ON	2007/11/05 12:35
S142	7	S137 or S138 or S139	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/05 12:36
S143	9	("5761599"   "5823522"   "5841553"   "5887866"   "5969831"   "6069715"   "6088135"   "6233068").PN. OR ("6738167").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 14:16
S144	18	("4991833"   "5734483"   "5878319"   "5914791"   "6120017"   "6175660"   "6441929"   "6457707"   "6512602"   "6618575"   "6643037"   "6738167"   "6746013"   "6768893"   "6877742"   "6947187"   "7032900"   "7038819").PN. OR ("7251063").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 14:29
S145	1	("20010033761").PN.	US-PGPUB; USPAT	OR	OFF	2007/11/05 14:30

S146	1	("6738167").FN.	US-PGPUB; USPAT	OR	OFF	2007/11/05 14:39
S147	1	S146 and (conveying near1 roller)	US-PGPUB; USPAT	OR	ON	2007/11/05 14:39
S148	58	(US-20050111059-\$ or US- 20020057465-\$ or US- 20020135821-\$ or US- 20040004320-\$ or US- 20040004319-\$ or US- 20030011121-\$ or US- 20040065991-\$ or US- 20030090052-\$ or US- 20040062579-\$ or US- 20030026633-\$ or US- 20010033761-\$ or US- 20040125412-\$ or US- 20040047007-\$ or US- 20020044305-\$ or US- 20030231288-\$ or US- 20030214680-\$ or US- 20020041402-\$ or US- 20020176122-\$ or US- 20020126299-\$ or US- 20020080429-\$ or US- 20020033968-\$ or US- 20030081275-\$ or US- 20020164175-\$ or US- 20020060804-\$ or US- 20020135120-\$ or US- 20030090747-\$).did. or (US-20020054382-\$).did. or (US-6837488-\$ or US- 5953574-\$ or US-4849788- \$ or US-6167232-\$ or US- 5515153-\$ or US-5338018- \$ or US-5158221-\$ or US- 7021618-\$ or US-5328163- \$ or US-6027109-\$ or US- 6738167-\$ or US-6618575- \$ or US-6321064-\$ or US- 6947187-\$ or US-6892945- \$ or US-5912747-\$ or US- 5734483-\$ or US-5610731- \$ or US-5488464-\$ or US- 5502542-\$ or US-6333797- \$ or US-6595512-\$ or US- 5260758-\$ or US-6593995- \$ or US-5680204-\$ or US- 7251063-\$).did. or (US- 6746013-\$ or US-6512602- \$ or US-6441929-\$).did. or (EP-1309168-\$).did. or (JP- 10023227-\$).did.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/11/05 14:47
S149	1	(dust near3 cover\$3) and S148	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/11/05 14:48

S150	5	((sensor or CCD) near5 cover\$3) and S148	US-PGRUB; USPAT; EPO; JPO	OR	ON	2007/11/05 14:48
S151	36	((ADF or (auto\$6 adj1 document adj2 feed\$4) or ((document or original or sheet or paper or substrate) adj2 (feed\$4 or handl\$3))) with (detachabl\$3 or removabl\$3 or separabl\$3 or un\$1attach\$3 or un\$1station\$4 or liftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl\$3) and (dust near3 cover\$3)	USPAT	OR	ON	2007/11/05 15:58
S152	117	((ADF or (auto\$6 adj1 document adj2 feed\$4) or ((document or original or sheet or paper or substrate) adj2 (feed\$4 or handl\$3))) with (detachabl\$3 or removabl\$3 or separabl\$3 or un\$1attach\$3 or un\$1station\$4 or liftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl\$3) and ((sensor or CCD) near5 cover\$3)	USPAT	OR	ON	2007/11/05 14:51
S153	71189	((resilient or elastic or spring\$3 or flexible or bouncy) near6 (roller or (back\$3 near1 member) or roll)	USPAT	OR	ON	2007/11/05 16:01
S154	263	((resilient or elastic or spring\$3 or flexible or bouncy) near6 (roller or (back\$3 near1 member) or roll) same ((ADF or (auto\$6 adj1 document adj2 feed\$4) or ((document or original or sheet or paper or substrate) adj2 (feed\$4 or handl\$3))) with (detachabl\$3 or removabl\$3 or separabl\$3 or un\$1attach\$3 or un\$1station\$4 or liftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl\$3))	US-PGRUB; USPAT	OR	ON	2007/11/05 16:01
S155	4494884	@ad< "20031125"	US-PGRUB; USPAT	OR	ON	2007/11/05 16:02
S156	194	S155 and S154	US-PGRUB; USPAT	OR	ON	2007/11/05 16:02

S157	30	(US-20050111059-\$ or US-20010033761-\$ or US-20020176122-\$ or US-20020080429-\$ or US-20020033968-\$ or US-20030081275-\$ or US-20020164175-\$ or US-20020135120-\$ or US-20020057465-\$ or US-20020135821-\$ or US-20040004320-\$ or US-20040004319-\$ or US-20030011121-\$ or US-20040065991-\$ or US-20030090052-\$ or US-20040062579-\$ or US-20030026633-\$ or US-20040125412-\$ or US-20040047007-\$ or US-20020044305-\$).did. or (US-5953574-\$ or US-5515153-\$ or US-5338018-\$ or US-6738167-\$ or US-5912747-\$ or US-5734483-\$ or US-5610731-\$ or US-5488464-\$ or US-6595512-\$ or US-6874778-\$).did.	US-PGPUB; USPAT	OR	ON	2007/11/05 17:30
S158	1	(US-4849788-\$).did.	USPAT	OR	ON	2007/11/05 17:32
S159	1	(US-4849788-\$).did.	USPAT	OR	ON	2007/11/05 17:32
S160	1	(US-7021618-\$).did.	USPAT	OR	ON	2007/11/05 17:33
S161	1	(US-5328163-\$).did.	USPAT	OR	ON	2007/11/05 17:34
S162	2	(US-6027109-\$ or US-6618575-\$).did.	USPAT	OR	ON	2007/11/05 17:34
S163	1	(US-6947187-\$).did.	USPAT	OR	ON	2007/11/05 17:35
S164	1	(US-6512602-\$).did.	USPAT	OR	ON	2007/11/05 17:38
S165	17	S157 S158 S159 S160 S161 S162 S163 S164	USPAT	OR	ON	2007/11/05 17:38
S166	37	S157 S158 S159 S160 S161 S162 S163 S164	US-PGPUB; USPAT; USOCR; FPPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/05 17:39
S167	2	((("6738167") or ("6874778")).PN.	US-PGPUB; USPAT	OR	OFF	2007/11/05 17:40
S168	2	S166 and S167	US-PGPUB; USPAT	OR	ON	2007/11/05 17:40

S169	2	S166 and S167	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/05 17:39
S170	37	S166 S167	US-PGPUB; USPAT	OR	ON	2007/11/05 17:40
S171	37	S166 S167	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/05 17:40
S172	37	S166 or S167	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/05 17:41
S173	16	(Petrus near2 Koning).in.	US-PGPUB; USPAT	OR	ON	2008/04/21 10:51
S174	26987	(Xerox).as.	US-PGPUB; USPAT	OR	ON	2008/04/21 10:51
S175	16	(Petrus near2 Koning).in.	US-PGPUB; USPAT	OR	ON	2008/04/21 10:51
S176	26987	(Xerox).as.	US-PGPUB; USPAT	OR	ON	2008/04/21 10:51
S177	2	(S175 or S176) and ( (image near1 receptor) and (document near1 handler)).dm.	US-PGPUB; USPAT	OR	ON	2008/04/21 10:51
S178	16	(Petrus near2 Koning).in.	US-PGPUB; USPAT	OR	ON	2008/04/21 10:52
S179	0	("2005/0111059").URPN.	USPAT	OR	ON	2008/04/21 10:52
S180	26987	(Xerox).as.	US-PGPUB; USPAT	OR	ON	2008/04/21 10:52
S181	2	(S175 or S176) and ( (image near1 receptor) and (document near1 handler)).dm.	US-PGPUB; USPAT	OR	ON	2008/04/21 10:52
S182	133	(S175 or S176) and ((document near1 handler)).dm.	US-PGPUB; USPAT	OR	ON	2008/04/21 10:52
S183	1	(S175 or S176) and ((light \$1transmissive near1 pane) and (document near1 handler)).dm.	US-PGPUB; USPAT	OR	ON	2008/04/21 10:52

S184	20	("4346880"   "4605218"   "4627607"   "4801134"   "5004218"   "5011124"   "5016866"   "5346199"   "5435540"   "5884910"   "5913268"   "5978622"   "5988622"   "5988635"   "5996990"   "6027111"   "6059279"   "6318717"). PN OR ("6595512").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/21 10:52
S185	38273	"271".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/21 10:52
S186	25089	"271".clas.	USPAT	OR	ON	2008/04/21 10:52
S187	1614	(movably near2 relative). clm.	USPAT	OR	ON	2008/04/21 10:52
S188	1	(US-20050111059-\$).did.	US-PGPUB	OR	ON	2008/04/21 10:52
S189	1	(effectively) and S188	US-PGPUB	OR	ON	2008/04/21 10:52
S190	1	(resilient near1 property) and S188	US-PGPUB	OR	ON	2008/04/21 10:52
S191	31711	ADF or (auto\$6 adj1 document adj2 feed\$4) or ((document or original or sheet or paper or substrate) adj2 (feed\$4 or handl\$3))	US-PGPUB	OR	ON	2008/04/21 10:52
S192	6512	ADF or (automatic adj1 document adj2 feed\$4) or (document adj3 feed\$4)	US-PGPUB	OR	ON	2008/04/21 10:52
S193	429790	detachabl\$3 or removabl\$3 or separabl\$3 or un \$1attach\$3 or un\$1station \$4 or liftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl \$3	US-PGPUB	OR	ON	2008/04/21 10:52
S194	1932	S191 with S193	US-PGPUB	OR	ON	2008/04/21 10:52
S195	178	S192 with S193	US-PGPUB	OR	ON	2008/04/21 10:52
S196	2937	"271".clas.	US-PGPUB	OR	ON	2008/04/21 10:52
S197	43	S195 and S196	US-PGPUB	OR	ON	2008/04/21 10:52
S198	1052	(358/498).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/04/21 10:52
S199	889	(358/497).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/04/21 10:52
S200	714	(358/496).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/04/21 10:52



S201	3064	(358/474).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/04/21 10:52
S202	268	(399/361).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/04/21 10:52
S203	407	(399/367).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/04/21 10:52
S204	169	(399/379).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/04/21 10:52
S205	276	(271/10.01).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/04/21 10:52
S206	431	(271/3.14).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/04/21 10:52
S207	344	(271/8.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/04/21 10:52
S208	24	S195 and S198	US-PGPUB	OR	ON	2008/04/21 10:52
S209	3	S195 and S199	US-PGPUB	OR	ON	2008/04/21 10:52
S210	1	S195 and S200	US-PGPUB	OR	ON	2008/04/21 10:52
S211	21	S195 and S201	US-PGPUB	OR	ON	2008/04/21 10:52
S212	2	S195 and S202	US-PGPUB	OR	ON	2008/04/21 10:52
S213	11	S195 and S203	US-PGPUB	OR	ON	2008/04/21 10:52
S214	0	S195 and S204	US-PGPUB	OR	ON	2008/04/21 10:52
S215	0	(270/10.01).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/04/21 10:52
S216	0	S195 and S215	US-PGPUB	OR	ON	2008/04/21 10:52
S217	7	S195 and S205	US-PGPUB	OR	ON	2008/04/21 10:52
S218	5	S195 and S206	US-PGPUB	OR	ON	2008/04/21 10:52
S219	1	S195 and S207	US-PGPUB	OR	ON	2008/04/21 10:52
S220	4514880	@ad< "20031125"	US-PGPUB; USPAT	OR	ON	2008/04/21 10:52
S221	59	S220 and S195	US-PGPUB; USPAT	OR	ON	2008/04/21 10:52
S222	633	S220 and S194	US-PGPUB; USPAT	OR	ON	2008/04/21 10:52
S223	12	S222 and S198	US-PGPUB; USPAT	OR	ON	2008/04/21 10:52

S224	1932	(ADF or (auto\$6 adj1 document adj2 feed\$4) or ((document or original or sheet or paper or substrate) adj2 (feed\$4 or handl\$3))) with (detachabl\$3 or removabl\$3 or separabl\$3 or un\$1attach\$3 or un\$1station\$4 or liftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl\$3)	US-PGPUB	OR	ON	2008/04/21 10:52
S225	3102	(ADF or (auto\$6 adj1 document adj2 feed\$4) or ((document or original or sheet or paper or substrate) adj2 (feed\$4 or handl\$3))) same (detachabl\$3 or removabl\$3 or separabl\$3 or un\$1attach\$3 or un\$1station\$4 or liftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl\$3)	US-PGPUB	OR	ON	2008/04/21 10:52
S226	1173	(ADF or (auto\$6 adj1 document adj2 feed\$4) or ((document or original or sheet or paper or substrate) adj2 (feed\$4 or handl\$3))) near6 ((detachabl\$3 or removabl\$3 or separabl\$3 or un\$1attach\$3 or un\$1station\$4 or liftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl\$3)	US-PGPUB	OR	ON	2008/04/21 10:52
S227	31711	ADF or (auto\$6 adj1 document adj2 feed\$4) or ((document or original or sheet or paper or substrate) adj2 (feed\$4 or handl\$3))	US-PGPUB	OR	ON	2008/04/21 10:52
S228	9415	ADF or (automatic adj1 document adj2 feed\$4) or (document adj3 feed\$4)	USPAT	OR	ON	2008/04/21 10:52

S229	4621	(ADF or (auto\$6 adj1 document adj2 feed\$4) or ((document or original or sheet or paper or substrate) adj2 (feed\$4 or hand\$3))) with (detachabl\$3 or removabl\$3 or separabl\$3 or un\$1attach\$3 or un\$1station\$4 or liftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl\$3)	USPAT	OR	ON	2008/04/21 10:52
S230	488	(ADF or (automatic adj1 document adj2 feed\$4) or (document adj3 feed\$4)) with (detachabl\$3 or removabl\$3 or separabl\$3 or un\$1attach\$3 or un\$1station\$4 or liftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl\$3)	USPAT	OR	ON	2008/04/21 10:52
S231	32	S230 and S198	USPAT	OR	ON	2008/04/21 10:52
S232	24	S230 and S199	USPAT	OR	ON	2008/04/21 10:52
S233	32	S230 and S200	USPAT	OR	ON	2008/04/21 10:52
S234	28	S230 and S201	USPAT	OR	ON	2008/04/21 10:52
S235	5	S230 and S202	USPAT	OR	ON	2008/04/21 10:52
S236	58	S230 and S203	USPAT	OR	ON	2008/04/21 10:52
S237	21	S230 and S204	USPAT	OR	ON	2008/04/21 10:52
S238	0	S230 and S215	USPAT	OR	ON	2008/04/21 10:52
S239	2	S230 and S205	USPAT	OR	ON	2008/04/21 10:52
S240	13	S230 and S206	USPAT	OR	ON	2008/04/21 10:52
S241	0	S230 and S207	USPAT	OR	ON	2008/04/21 10:52

S242	2181	(ADF or (auto\$6 adj1 document adj2 feed\$4) or ((document or original or sheet or paper or substrate) adj2 (feed\$4 or hand\$3))) with (detachabl\$3 or removabl\$3 or separabl\$3 or un\$1attach\$3 or un\$1station\$4 or liftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl\$3)	EPO; JPO	OR	ON	2008/04/21 10:52
S243	133	(ADF or (automatic adj1 document adj2 feed\$4) or (document adj3 feed\$4)) with (detachabl\$3 or removabl\$3 or separabl\$3 or un\$1attach\$3 or un\$1station\$4 or liftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl\$3)	EPO; JPO	OR	ON	2008/04/21 10:52
S244	47	(US-20020135120-\$ or US-20010033761-\$ or US-20030081275-\$ or US-20020176122-\$ or US-20020164175-\$ or US-20020080429-\$ or US-20020033968-\$ or US-20030011121-\$ or US-20040065991-\$ or US-20040004320-\$ or US-20040004319-\$ or US-20040062579-\$ or US-20030026633-\$ or US-20040125412-\$ or US-20040047007-\$ or US-20030231288-\$ or US-20030214680-\$ or US-20020057465-\$ or US-20020044305-\$ or US-20020135821-\$ or US-20020041402-\$ or US-20030090052-\$ or US-20020126299-\$ or US-20020060804-\$).did. or (US-6595512-\$ or US-5953574-\$ or US-5515153-\$ or US-5338018-\$ or US-5912747-\$ or US-5734483-\$ or US-5610731-\$ or US-5488464-\$ or US-5260758-\$ or US-7021618-\$ or US-6837488-\$ or US-6027109-\$ or US-4849788-\$ or US-5328163-\$ or US-5502542-\$ or US-5158221-\$ or US-6738167-\$ or US-6618575-\$ or US-6321064-\$ or US-	US-PGPUB; USPAT	OR	ON	2008/04/21 10:52

		6947187-\$ or US-6892945-\$ or US-6333797-\$ or US-6167232-\$).did.				
S245	16	(Petrus near2 Koning).in.	US-PGPUB; USPAT	OR	ON	2008/04/21 10:52
S246	26987	(Xerox).as.	US-PGPUB; USPAT	OR	ON	2008/04/21 10:52
S247	133	(S245 or S246) and ((document near1 handler)).clm.	US-PGPUB; USPAT	OR	ON	2008/04/21 10:52
S248	0	("2005/0111059").URPN.	USPAT	OR	ON	2008/04/21 10:52
S249	2	(S245 or S246) and ( (image near1 receptor) and (document near1 handler)).clm.	US-PGPUB; USPAT	OR	ON	2008/04/21 10:52
S250	1	(S245 or S246) and ((light \$1transmissive near1 pane) and (document near1 handler)).clm.	US-PGPUB; USPAT	OR	ON	2008/04/21 10:52
S251	20	("4346880"   "4605218"   "4627607"   "4801134"   "5004218"   "5011124"   "5016866"   "5346199"   "5435540"   "5884910"   "5913268"   "5978622"   "5988622"   "5988635"   "5996990"   "6027111"   "6059279"   "6318717"). PN. OR ("6595512").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/21 10:52
S252	38273	"271".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/21 10:52
S253	25089	"271".clas.	USPAT	OR	ON	2008/04/21 10:52
S254	1614	(movably near2 relative). clm.	USPAT	OR	ON	2008/04/21 10:52
S255	1	(US-20050111059-\$).did.	US-PGPUB	OR	ON	2008/04/21 10:52
S256	429790	detachabl\$3 or removabl\$3 or separabl\$3 or un \$1attach\$3 or un\$1station \$4 or liftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl \$3	US-PGPUB	OR	ON	2008/04/21 10:52
S257	6512	ADF or (automatic adj1 document adj2 feed\$4) or (document adj3 feed\$4)	US-PGPUB	OR	ON	2008/04/21 10:52
S258	178	S257 with S256	US-PGPUB	OR	ON	2008/04/21 10:52
S259	2937	"271".clas.	US-PGPUB	OR	ON	2008/04/21 10:52

S260	43	S258 and S259	US-PGPUB	OR	ON	2008/04/21 10:52
S261	1052	(358/498).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/04/21 10:52
S262	169	(399/379).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/04/21 10:52
S263	0	S258 and S262	US-PGPUB	OR	ON	2008/04/21 10:52
S264	0	(270/10.01).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/04/21 10:52
S265	0	S258 and S264	US-PGPUB	OR	ON	2008/04/21 10:52
S266	1	(effectively) and S255	US-PGPUB	OR	ON	2008/04/21 10:52
S267	1	(resilient near1 property) and S255	US-PGPUB	OR	ON	2008/04/21 10:52
S268	31711	ADF or (auto\$6 adj1 document adj2 feed\$4) or (((document or original or sheet or paper or substrate) adj2 (feed\$4 or handl\$3))	US-PGPUB	OR	ON	2008/04/21 10:52
S269	407	(399/367).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/04/21 10:52
S270	11	S258 and S269	US-PGPUB	OR	ON	2008/04/21 10:52
S271	268	(399/361).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/04/21 10:52
S272	2	S258 and S271	US-PGPUB	OR	ON	2008/04/21 10:52
S273	3064	(358/474).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/04/21 10:52
S274	21	S258 and S273	US-PGPUB	OR	ON	2008/04/21 10:52
S275	714	(358/496).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/04/21 10:52
S276	1	S258 and S275	US-PGPUB	OR	ON	2008/04/21 10:52
S277	889	(358/497).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/04/21 10:52
S278	3	S258 and S277	US-PGPUB	OR	ON	2008/04/21 10:52
S279	24	S258 and S261	US-PGPUB	OR	ON	2008/04/21 10:52
S280	4514880	@ad< "20031125"	US-PGPUB; USPAT	OR	ON	2008/04/21 10:52
S281	1932	S268 with S256	US-PGPUB	OR	ON	2008/04/21 10:52

S282	633	S280 and S281	US-PGPUB; USPAT	OR	ON	2008/04/21 10:52
S283	31711	ADF or (auto\$6 adj1 document adj2 feed\$4) or (((document or original or sheet or paper or substrate) adj2 (feed\$4 or hand\$3)))	US-PGPUB	OR	ON	2008/04/21 10:52
S284	276	(271/10.01).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/04/21 10:52
S285	431	(271/3.14).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/04/21 10:52
S286	344	(271/8.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/04/21 10:52
S287	5	S258 and S285	US-PGPUB	OR	ON	2008/04/21 10:52
S288	1	S258 and S286	US-PGPUB	OR	ON	2008/04/21 10:52
S289	7	S258 and S284	US-PGPUB	OR	ON	2008/04/21 10:52
S290	59	S280 and S258	US-PGPUB; USPAT	OR	ON	2008/04/21 10:52
S291	12	S282 and S261	US-PGPUB; USPAT	OR	ON	2008/04/21 10:52
S292	1932	((ADF or (auto\$6 adj1 document adj2 feed\$4) or (((document or original or sheet or paper or substrate) adj2 (feed\$4 or hand\$3)))) with (detachabl \$3 or removabl\$3 or separabl\$3 or un\$1attach \$3 or un\$1station\$4 or liftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl \$3)	US-PGPUB	OR	ON	2008/04/21 10:52
S293	3102	((ADF or (auto\$6 adj1 document adj2 feed\$4) or (((document or original or sheet or paper or substrate) adj2 (feed\$4 or hand\$3)))) same (detachabl \$3 or removabl\$3 or separabl\$3 or un\$1attach \$3 or un\$1station\$4 or liftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl \$3)	US-PGPUB	OR	ON	2008/04/21 10:52

S294	1173	(ADF or (auto\$6 adj1 document adj2 feed\$4) or ((document or original or sheet or paper or substrate) adj2 (feed\$4 or hand\$3))) near6 (detachabl\$3 or removabl\$3 or separabl\$3 or un\$1attach\$3 or un\$1station\$4 or liftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl\$3)	US-PGPUB	OR	ON	2008/04/21 10:52
S295	488	(ADF or (automatic adj1 document adj2 feed\$4) or (document adj3 feed\$4)) with (detachabl\$3 or removabl\$3 or separabl\$3 or un\$1attach\$3 or un\$1station\$4 or liftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl\$3)	USPAT	OR	ON	2008/04/21 10:52
S296	2	S295 and S284	USPAT	OR	ON	2008/04/21 10:52
S297	9415	ADF or (automatic adj1 document adj2 feed\$4) or (document adj3 feed\$4)	USPAT	OR	ON	2008/04/21 10:52
S298	4621	(ADF or (auto\$6 adj1 document adj2 feed\$4) or ((document or original or sheet or paper or substrate) adj2 (feed\$4 or hand\$3))) with (detachabl\$3 or removabl\$3 or separabl\$3 or un\$1attach\$3 or un\$1station\$4 or liftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl\$3)	USPAT	OR	ON	2008/04/21 10:52
S299	0	S295 and S286	USPAT	OR	ON	2008/04/21 10:52
S300	5	S295 and S271	USPAT	OR	ON	2008/04/21 10:52
S301	0	S295 and S264	USPAT	OR	ON	2008/04/21 10:52
S302	58	S295 and S269	USPAT	OR	ON	2008/04/21 10:52
S303	13	S295 and S285	USPAT	OR	ON	2008/04/21 10:52
S304	21	S295 and S262	USPAT	OR	ON	2008/04/21 10:52
S305	28	S295 and S273	USPAT	OR	ON	2008/04/21 10:52



S306	32	S295 and S275	USPAT	OR	ON	2008/04/21 10:52
S307	24	S295 and S277	USPAT	OR	ON	2008/04/21 10:52
S308	32	S295 and S261	USPAT	OR	ON	2008/04/21 10:52
S309	2181	(ADF or (auto\$6 adj1 document adj2 feed\$4) or ((document or original or sheet or paper or substrate) adj2 (feed\$4 or handl\$3))) with (detachabl\$3 or removabl\$3 or separabl\$3 or un\$1attach\$3 or un\$1station\$4 or liftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl\$3)	EPO; JPO	OR	ON	2008/04/21 10:52
S310	133	(ADF or (automatic adj1 document adj2 feed\$4) or (document adj3 feed\$4)) with (detachabl\$3 or removabl\$3 or separabl\$3 or un\$1attach\$3 or un\$1station\$4 or liftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl\$3)	EPO; JPO	OR	ON	2008/04/21 10:52
S311	47	(US-20020135120-\$ or US-20010033761-\$ or US-20030081275-\$ or US-20020176122-\$ or US-20020164175-\$ or US-20020080429-\$ or US-20020033968-\$ or US-20030011121-\$ or US-20040065991-\$ or US-20040004320-\$ or US-20040004319-\$ or US-20040062579-\$ or US-20030026633-\$ or US-20040125412-\$ or US-20040047007-\$ or US-20030231288-\$ or US-20030214680-\$ or US-20020057465-\$ or US-20020044305-\$ or US-20020135821-\$ or US-20020041402-\$ or US-20030090052-\$ or US-20020126299-\$ or US-20020060804-\$).did. or (US-6595512-\$ or US-5953574-\$ or US-5515153-\$ or US-5338018-\$ or US-5912747-\$ or US-5734483-\$ or US-5610731-\$ or US-	US-PGRUB; USPAT	OR	ON	2008/04/21 10:52

		5488464-\$ or US-5260758-\$ or US-7021618-\$ or US-6837488-\$ or US-6027109-\$ or US-4849788-\$ or US-5328163-\$ or US-5502542-\$ or US-5158221-\$ or US-6738167-\$ or US-6618575-\$ or US-6321064-\$ or US-6947187-\$ or US-6892945-\$ or US-6333797-\$ or US-6167232-\$).did.				
S312	2	((("20020054382") or ("20030090747") or ("2003214680")).PN.	US-PGPUB; USPAT	OR	OFF	2008/04/21 10:52
S313	3	((("20020054382") or ("20030090747") or ("20030214680")).PN.	US-PGPUB; USPAT	OR	OFF	2008/04/21 10:52
S314	5	((("20020054382") or ("20030090747") or ("20030214680") or ("5680204") or ("6593995")).PN.	US-PGPUB; USPAT	OR	OFF	2008/04/21 10:52
S315	1	"10023227"	EPO; JPO	OR	ON	2008/04/21 10:52
S316	1	"1309168"	EPO; JPO	OR	ON	2008/04/21 10:52
S317	7	"10023227"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/21 10:52
S318	5	S314 or S315 or S316	US-PGPUB; USPAT	OR	ON	2008/04/21 10:52
S319	7	S314 or S315 or S316	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/21 10:52
S320	10	("5761599"   "5823522"   "5841553"   "5887866"   "5969831"   "6069715"   "6088135"   "6233068").PN. OR ("6738167").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/21 10:52
S321	18	("4991833"   "5734483"   "5878319"   "5914791"   "6120017"   "6175660"   "6441929"   "6457707"   "6512602"   "6618575"   "6643037"   "6738167"   "6746013"   "6768893"   "6877742"   "6947187"   "7032900"   "7038819").PN. OR ("7251063").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/21 10:52
S322	1	("20010033761").PN.	US-PGPUB; USPAT	OR	OFF	2008/04/21 10:52

S323	1	("6738167").PN.	US-PGPUB; USPAT	OR	OFF	2008/04/21 10:52
S324	1	S323 and (conveying near1 roller)	US-PGPUB; USPAT	OR	ON	2008/04/21 10:52
S325	56	(US-20050111059-\$ or US- 20020057465-\$ or US- 20020135821-\$ or US- 20040004320-\$ or US- 20040004319-\$ or US- 20030011121-\$ or US- 20040065991-\$ or US- 20030090052-\$ or US- 20040062579-\$ or US- 20030026633-\$ or US- 20010033761-\$ or US- 20040125412-\$ or US- 20040047007-\$ or US- 20020044305-\$ or US- 20030231288-\$ or US- 20030214680-\$ or US- 20020041402-\$ or US- 20020176122-\$ or US- 20020126299-\$ or US- 20020080429-\$ or US- 20020033968-\$ or US- 20030081275-\$ or US- 20020164175-\$ or US- 20020060804-\$ or US- 20020135120-\$ or US- 20030090747-\$).did. or (US-20020054382-\$).did. or (US-6837488-\$ or US- 5953574-\$ or US-4849788- \$ or US-6167232-\$ or US- 5515153-\$ or US-5338018- \$ or US-5158221-\$ or US- 7021618-\$ or US-5328163- \$ or US-6027109-\$ or US- 6738167-\$ or US-6618575- \$ or US-6321064-\$ or US- 6947187-\$ or US-6892945- \$ or US-5912747-\$ or US- 5734483-\$ or US-5610731- \$ or US-5488464-\$ or US- 5502542-\$ or US-6333797- \$ or US-6595512-\$ or US- 5260758-\$ or US-6593995- \$ or US-5680204-\$ or US- 7251063-\$).did. or (US- 6746013-\$ or US-6512602- \$ or US-6441929-\$).did. or (EP-1309168-\$).did. or (JP- 10023227-\$).did.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/04/21 10:52
S326	1	(dust near3 cover\$3) and S325	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/04/21 10:52

S327	5	((sensor or CCD) near5 cover\$3) and S325	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/04/21 10:52
S328	37	((ADF or (auto\$6 adj1 document adj2 feed\$4) or ((document or original or sheet or paper or substrate) adj2 (feed\$4 or handl\$3))) with (detachabl\$3 or removabl\$3 or separabl\$3 or un\$1attach\$3 or un\$1station\$4 or liftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl\$3) and (dust near3 cover\$3)	USPAT	OR	ON	2008/04/21 10:52
S329	119	((ADF or (auto\$6 adj1 document adj2 feed\$4) or ((document or original or sheet or paper or substrate) adj2 (feed\$4 or handl\$3))) with (detachabl\$3 or removabl\$3 or separabl\$3 or un\$1attach\$3 or un\$1station\$4 or liftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl\$3) and ((sensor or CCD) near5 cover\$3)	USPAT	OR	ON	2008/04/21 10:52
S330	72071	((resilient or elastic or spring\$3 or flexible or bouncy) near6 (roller or (back\$3 near1 member) or roll)	USPAT	OR	ON	2008/04/21 10:52
S331	272	((resilient or elastic or spring\$3 or flexible or bouncy) near6 (roller or (back\$3 near1 member) or roll) same ((ADF or (auto\$6 adj1 document adj2 feed\$4) or ((document or original or sheet or paper or substrate) adj2 (feed\$4 or handl\$3))) with (detachabl\$3 or removabl\$3 or separabl\$3 or un\$1attach\$3 or un\$1station\$4 or liftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl\$3))	US-PGPUB; USPAT	OR	ON	2008/04/21 10:52
S332	4514880	@ad< "20031125"	US-PGPUB; USPAT	OR	ON	2008/04/21 10:52
S333	195	S332 and S331	US-PGPUB; USPAT	OR	ON	2008/04/21 10:52

S334	30	(US-20050111059-\$ or US-20010033761-\$ or US-20020176122-\$ or US-20020080429-\$ or US-20020033968-\$ or US-20030081275-\$ or US-20020164175-\$ or US-20020135120-\$ or US-20020057465-\$ or US-20020135821-\$ or US-20040004320-\$ or US-20040004319-\$ or US-20030011121-\$ or US-20040065991-\$ or US-20030090052-\$ or US-20040062579-\$ or US-20030026633-\$ or US-20040125412-\$ or US-20040047007-\$ or US-20020044305-\$).did. or (US-5953574-\$ or US-5515153-\$ or US-5338018-\$ or US-6738167-\$ or US-5912747-\$ or US-5734483-\$ or US-5610731-\$ or US-5488464-\$ or US-6595512-\$ or US-6874778-\$).did.	US-PGPUB; USPAT	OR	ON	2008/04/21 10:52
S335	1	(US-4849788-\$).did.	USPAT	OR	ON	2008/04/21 10:52
S336	1	(US-4849788-\$).did.	USPAT	OR	ON	2008/04/21 10:52
S337	1	(US-7021618-\$).did.	USPAT	OR	ON	2008/04/21 10:52
S338	1	(US-5328163-\$).did.	USPAT	OR	ON	2008/04/21 10:52
S339	2	(US-6027109-\$ or US-6618575-\$).did.	USPAT	OR	ON	2008/04/21 10:52
S340	1	(US-6947187-\$).did.	USPAT	OR	ON	2008/04/21 10:52
S341	1	(US-6512602-\$).did.	USPAT	OR	ON	2008/04/21 10:52
S342	17	S334 S335 S336 S337 S338 S339 S340 S341	USPAT	OR	ON	2008/04/21 10:52
S343	37	S334 S335 S336 S337 S338 S339 S340 S341	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/21 10:52
S344	2	((("6738167") or ("6874778")).FN.	US-PGPUB; USPAT	OR	OFF	2008/04/21 10:52
S345	2	S343 and S344	US-PGPUB; USPAT	OR	ON	2008/04/21 10:52

S346	2	S343 and S344	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/21 10:52
S347	37	S343 S344	US-PGPUB; USPAT	OR	ON	2008/04/21 10:52
S348	37	S343 S344	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/21 10:52
S349	37	S343 or S344	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/21 10:52
S350	69	(ADF or (automatic adj1 document adj2 feed\$4) or (document adj3 feed\$4)) with (attach\$4 or mount\$3 or connect\$4 or fixed) with (pane or lens or glass or (light near1 transmis\$4))	EPO; JPO	OR	ON	2008/04/21 11:01
S351	628	(ADF or (automatic adj1 document adj2 feed\$4) or (document adj3 feed\$4)) with (attach\$4 or mount\$3 or connect\$4 or fixed) with (pane or lens or glass or (light near1 transmis\$4))	US-PGPUB; USPAT	OR	ON	2008/04/21 11:03
S352	16	(Petrus near2 Koning).in.	US-PGPUB; USPAT	OR	ON	2008/04/22 11:13
S353	27006	(Xerox).as.	US-PGPUB; USPAT	OR	ON	2008/04/22 11:13
S354	6512	ADF or (automatic adj1 document adj2 feed\$4) or (document adj3 feed\$4)	US-PGPUB	OR	ON	2008/04/22 11:13
S355	429790	detachabl\$3 or removabl\$3 or separabl\$3 or un \$1attach\$3 or un\$1station \$4 or liftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl \$3	US-PGPUB	OR	ON	2008/04/22 11:13
S356	178	S354 with S355	US-PGPUB	OR	ON	2008/04/22 11:13
S357	268	(399/361).OCLS.	US-PGPUB; USPAT	OR	OFF	2008/04/22 11:13
S358	2	S356 and S357	US-PGPUB	OR	ON	2008/04/22 11:13

S359	6512	ADF or (automatic adj1 document adj2 feed\$4) or (document adj3 feed\$4)	US-PGPUB	OR	ON	2008/04/22 11:14
S360	429790	detachabl\$3 or removabl\$3 or separabl\$3 or un\$1attach\$3 or un\$1station\$4 or liftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl\$3	US-PGPUB	OR	ON	2008/04/22 11:14
S361	178	S359 with S360	US-PGPUB	OR	ON	2008/04/22 11:14
S362	4515721	@ad< "20031125"	US-PGPUB; USPAT	OR	ON	2008/04/22 11:14
S363	59	S362 and S361	US-PGPUB; USPAT	OR	ON	2008/04/22 11:14
S364	31711	ADF or (auto\$6 adj1 document adj2 feed\$4) or ((document or original or sheet or paper or substrate) adj2 (feed\$4 or handl\$3))	US-PGPUB	OR	ON	2008/04/22 11:15
S365	429790	detachabl\$3 or removabl\$3 or separabl\$3 or un\$1attach\$3 or un\$1station\$4 or liftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl\$3	US-PGPUB	OR	ON	2008/04/22 11:15
S366	1932	S364 with S365	US-PGPUB	OR	ON	2008/04/22 11:15
S367	1053	(358/498).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/04/22 11:15
S368	4515721	@ad< "20031125"	US-PGPUB; USPAT	OR	ON	2008/04/22 11:15
S369	633	S368 and S366	US-PGPUB; USPAT	OR	ON	2008/04/22 11:15
S370	12	S369 and S367	US-PGPUB; USPAT	OR	ON	2008/04/22 11:15
S371	429790	detachabl\$3 or removabl\$3 or separabl\$3 or un\$1attach\$3 or un\$1station\$4 or liftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl\$3	US-PGPUB	OR	ON	2008/04/22 11:16
S372	6512	ADF or (automatic adj1 document adj2 feed\$4) or (document adj3 feed\$4)	US-PGPUB	OR	ON	2008/04/22 11:16
S373	178	S372 with S371	US-PGPUB	OR	ON	2008/04/22 11:16
S374	432	(271/3.14).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/04/22 11:16
S375	5	S373 and S374	US-PGPUB	OR	ON	2008/04/22 11:16

S376	6512	ADF or (automatic adj1 document adj2 feed\$4) or (document adj3 feed\$4)	US-PGPUB	OR	ON	2008/04/22 11:17
S377	429790	detachabl\$3 or removabl\$3 or separabl\$3 or un\$1attach\$3 or un\$1station\$4 or liftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl\$3	US-PGPUB	OR	ON	2008/04/22 11:17
S378	178	S376 with S377	US-PGPUB	OR	ON	2008/04/22 11:17
S379	890	(358/497).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/04/22 11:17
S380	3	S378 and S379	US-PGPUB	OR	ON	2008/04/22 11:17
S381	715	(358/496).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/04/22 11:17
S382	1	S378 and S381	US-PGPUB	OR	ON	2008/04/22 11:17
S383	268	(399/361).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/04/22 11:17
S384	2	S378 and S383	US-PGPUB	OR	ON	2008/04/22 11:17
S385	407	(399/367).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/04/22 11:17
S386	11	S378 and S385	US-PGPUB	OR	ON	2008/04/22 11:17
S387	432	(271/3.14).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/04/22 11:18
S388	5	S378 and S387	US-PGPUB	OR	ON	2008/04/22 11:18
S389	429790	detachabl\$3 or removabl\$3 or separabl\$3 or un\$1attach\$3 or un\$1station\$4 or liftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl\$3	US-PGPUB	OR	ON	2008/04/22 11:18
S390	6512	ADF or (automatic adj1 document adj2 feed\$4) or (document adj3 feed\$4)	US-PGPUB	OR	ON	2008/04/22 11:18
S391	178	S390 with S389	US-PGPUB	OR	ON	2008/04/22 11:18
S392	432	(271/3.14).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/04/22 11:18
S393	5	S391 and S392	US-PGPUB	OR	ON	2008/04/22 11:18



S394	429790	detachabl\$3 or removabl\$3 or separabl\$3 or un \$1attach\$3 or un\$1station \$4 or liftabl\$3 or movabl\$3 or adaptabl\$3 or conveyabl \$3	US-PGPUB	OR	ON	2008/04/22 11:18
S395	6512	ADF or (automatic adj1 document adj2 feed\$4) or (document adj3 feed\$4)	US-PGPUB	OR	ON	2008/04/22 11:18
S396	178	S395 with S394	US-PGPUB	OR	ON	2008/04/22 11:18
S397	2937	"271".clas.	US-PGPUB	OR	ON	2008/04/22 11:18
S398	43	S396 and S397	US-PGPUB	OR	ON	2008/04/22 11:18
S399	6512	ADF or (automatic adj1 document adj2 feed\$4) or (document adj3 feed\$4)	US-PGPUB	OR	ON	2008/04/22 11:18

4/22/2008 11:20:38 AM

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